

EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	4	(("20040080491") or ("6864679")).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/04/06 10:06
S1	12	((TOSHI NORI) near2 (TAKATSUKA)).INV.	US-PGPUB; USPAT	OR	ON	2009/01/07 18:34
S2	1950	345/157.ccls.	US-PGPUB; USPAT	OR	ON	2009/01/07 18:34
S3	17	(("4029899") or ("4795858") or ("5504502") or ("20010006369") or ("20010055001") or ("20020054012") or ("20040080491") or ("6765748")).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/01/07 18:36
S4	0	(10/542643).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/01/07 18:38
S5	1	10/542643	US-PGPUB; USPAT	OR	ON	2009/01/07 18:39
S6	4	"6762748"	US-PGPUB; USPAT	OR	ON	2009/01/07 18:43
S7	0	58-066381	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/07 18:49
S8	0	56-165228	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/07 18:49
S9	3	2002-287891	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/07 18:51

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S10	8	(("5504502") or ("5973668") or ("6373265") or ("4462594")).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/01/07 18:53
S11	4	(("6525257") or ("5504502")).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/01/07 18:55
S12	238	ring same magnet\$4 and "345"/\$5.ccls.	US-PGPUB; USPAT	OR	ON	2009/01/07 18:58
S13	24	ring same magnet\$4 and "345"/157.ccls.	US-PGPUB; USPAT	OR	ON	2009/01/07 19:00
S14	17036	ring same magnet\$4 same two	US-PGPUB; USPAT	OR	ON	2009/01/07 19:07
S15	740	ring same magnet\$4 same two same north same south	US-PGPUB; USPAT	OR	ON	2009/01/07 19:07
S16	672	ring same magnet\$4 same two same north same south same pole	US-PGPUB; USPAT	OR	ON	2009/01/07 19:07
S17	8	ring same magnet\$4 same unipolarly	US-PGPUB; USPAT	OR	ON	2009/01/07 19:10
S18	80	ring same magnet\$4 same unipolar\$5	US-PGPUB; USPAT	OR	ON	2009/01/07 19:11
S19	365	ring same magnet\$4 same multi\$1polar	US-PGPUB; USPAT	OR	ON	2009/01/07 19:15
S20	1	"6861934"	US-PGPUB; USPAT	OR	ON	2009/01/07 19:20
S21	2	("4222021" "5506558").PN. OR ("6861934").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/01/07 19:20
S22	13	("3827021" "4222021" "4543551" "4568901" "4859976" "5180557" "5210373" "5235243" "5294826").PN. OR ("5506558").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/01/07 19:21
S23	14	"4222021"	US-PGPUB; USPAT	OR	ON	2009/01/07 19:39
S24	16	silicone same resin and 345/156-157.ccls.	US-PGPUB; USPAT	OR	ON	2009/01/08 10:28
S25	951	silicone near1 resin and mouse	US-PGPUB; USPAT	OR	ON	2009/01/08 10:31
S26	0	silicone near1 resin and 345/157.ccls.	US-PGPUB; USPAT	OR	ON	2009/01/08 10:32
S27	11	silicone near1 resin and 345/156.ccls.	US-PGPUB; USPAT	OR	ON	2009/01/08 10:32

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S28	4399	345/156.ccls.	US-PGPUB; USPAT	OR	ON	2009/01/08 12:58
S29	3457	345/161-167.ccls.	US-PGPUB; USPAT	OR	ON	2009/01/08 12:59
S30	239	178/18.07.ccls.	US-PGPUB; USPAT	OR	ON	2009/01/08 12:59
S31	4	"6762748"	US-PGPUB; USPAT	OR	ON	2009/01/08 15:57
S32	21	("20030146899" "4852630" "4853630" "4991836" "5434373" "5504502" "5619195" "5640178" "5714980" "5850142" "5969520" "5969529" "6144370" "6266046" "6288854" "6369806" "6501458" "6606085" "6762748" "6836267" "6937226").PN. OR ("7151526").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/01/08 16:02
S33	15	("3331972" "5432530" "5526022" "5619195" "5714980" "5969520" "6001014" "6232959" "6239785" "6266046").PN. OR ("6606085").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/01/08 16:07
S34	578	magnet same sensor same close same flux	US-PGPUB; USPAT; USOCR	OR	ON	2009/01/08 16:12
S35	10	magnet same sensor same close same flux and "345"/\$5.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2009/01/08 16:12
S36	24	magnet same sensor same close same hall and "345"/\$5.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2009/01/08 16:14
S37	1	10/542643	US-PGPUB; USPAT	OR	ON	2009/01/08 16:59
S38	1	10/542643	US-PGPUB; USPAT	OR	ON	2009/01/08 17:08
S39	4	"6762748"	US-PGPUB; USPAT	OR	ON	2009/04/24 10:08
S40	5	"5506558"	US-PGPUB; USPAT	OR	ON	2009/04/24 10:08
S41	1	10/542643	US-PGPUB; USPAT	OR	ON	2009/04/24 10:10
S42	43	"5504502"	US-PGPUB; USPAT	OR	ON	2009/04/24 12:25
S43	52	pervan.xa.	US-PGPUB; USPAT	OR	ON	2009/05/06 16:18
S44	21	"5627560"	US-PGPUB; USPAT	OR	ON	2009/05/06 17:52
S45	1	"6812910"	US-PGPUB; USPAT	OR	ON	2009/05/06 17:52

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S46	14	((TOSHI NORI) near2 (TAKATSUKA)).INV.	US-PGPUB; USPAT	OR	ON	2009/06/16 11:12
S47	5	("20020061735" "20030178291" "20040119 687" "7126072" "7262374").PN.	US-PGPUB; USPAT	OR	ON	2009/06/16 11:15
S48	6	("5179460" "5504502" "5565632" "5973668 " "6373265" "6670946").PN.	US-PGPUB; USPAT	OR	ON	2009/06/16 11:16
S49	9	("5504502" "5508719" "5714980" "6043806" "6266046").PN. OR ("6670946").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/06/16 11:18
S50	3	"7139008"	US-PGPUB; USPAT; USOCR	OR	ON	2009/06/16 11:22
S51	8	"6856328"	US-PGPUB; USPAT; USOCR	OR	ON	2009/06/16 11:22
S52	0	"11110273"	US-PGPUB; USPAT; USOCR	OR	ON	2009/06/16 12:47
S53	0	"11/110273"	US-PGPUB; USPAT; USOCR	OR	ON	2009/06/16 12:47
S54	1	10/542643	US-PGPUB; USPAT; USOCR	OR	ON	2009/06/16 15:05
S55	13	("3827021" "4222021" "4543551" "4568901" "4859976" "5180557" "5210373" "5235243" "5294826").PN. OR ("5506558").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/06/16 15:10
S56	1	10/542643	US-PGPUB; USPAT; USOCR	OR	ON	2009/06/16 15:12
S57	9399	(magnet) and (opposite interlac\$4) same north same south	US-PGPUB; USPAT; USOCR	OR	ON	2009/06/16 15:16
S58	100	(magnet) and (opposite interlac\$4) same north same south and "345"/\$5.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2009/06/16 15:16
S59	13	("20010055002" "20020093328" "20040080 491" "20050077165" "5432530" "5714980" " "6266046" "6528740" "6583784" "6667733" "6831629" "6952197" "7034804").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/06/16 15:17
S60	4	("20040125082" "5327162" "6816049" "683 1238").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/06/16 15:21
S61	3	10/625727	US-PGPUB; USPAT; USOCR	OR	ON	2009/06/16 15:28

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S62	10	("20020105495" "20040125082" "20040178996" "5327162" "5486965" "5621591" "6816049" "6831238" "6839050" "6937124").PN. OR ("7031592").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/06/16 15:28
S63	5	"5506558"	US-PGPUB; USPAT; USOCR	OR	ON	2009/06/16 15:39
S64	15	"4222021"	US-PGPUB; USPAT; USOCR	OR	ON	2009/06/16 15:40
S65	21	"5831554"	US-PGPUB; USPAT	OR	ON	2009/06/17 09:17
S66	1274	(magnet magnet\$4) same (quadrupole) same (converging or direct\$5)	US-PGPUB; USPAT	OR	ON	2009/06/17 09:59
S67	89	(magnet magnet\$4) same (quadrupole) same (converging or direct\$5) same ring	US-PGPUB; USPAT	OR	ON	2009/06/17 09:59
S68	11	("3305744" "3354336" "3505560" "4625144" "4670726" "4766343").PN. OR ("5157302").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/06/17 10:45
S69	659	(magnet magnet\$4) same (converging or direct\$5) same ring same alternate	US-PGPUB; USPAT	OR	ON	2009/06/17 10:55
S70	24	("2041875" "2328743" "2468295" "2784331" "2806158" "3007098" "3164735" "4433260").PN. OR ("5187401").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/06/17 11:01
S71	22	("5431050" "5528937").PN. OR ("6373265").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/06/17 12:33
S72	6	("5179460" "5504502" "5565632" "5973668" "6373265" "6670946").PN. OR ("7388574").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/06/17 12:33

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S73	76	("20020006829" "20030070414" "20040087375" "20040138918" "20040192438" "20040219982" "20050009600" "20050012818" "20050043072" "20050116020" "20050181870" "20050288085" "20060063586" "20060094498" "20060095790" "20060258442" "20060287078" "20070105616" "4363029" "4733222" "4758830" "4814760" "4910504" "5028875" "5043710" "5063306" "5112060" "5166502" "5189417" "5239152" "5305017" "5349303" "5389219" "5442347" "5461319" "5495077" "5512836" "5565658" "5572205" "5594222" "5650597" "5651548" "5735742" "5760715" "5761647" "5790106" "5861875" "5867111" "5880718" "5901211" "5973318" "5978770" "5987421" "6021949" "6104815" "6137427" "6222528" "6288707" "6297811" "6310611" "6320282" "6348862" "6373263" "6373265" "6388453" "6407556" "6490920" "6652381" "6659875" "6843725" "6846238" "6923724" "6935958" "6942574" "7217190").PN. OR ("7330108").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/06/17 12:34
S74	53	("3482241" "4186392" "4233522" "4281323" "4293734" "4455452" "4476463" "4550221" "4707845" "4740781" "4743895" "4806709" "4831566" "4853498" "4916699" "4922061" "5041820" "5083118" "5153572" "5231381" "5237879" "5270711" "5305017" "5418551" "5488204" "5491706").PN. OR ("5650597").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/06/17 12:34
S75	7	("5107262" "5210367" "5578782" "5783765" "5922983" "6111174").PN. OR ("6525257").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/06/17 12:34
S76	17	("4450749" "4593592" "4913026" "4970928" "5016513").PN. OR ("5210367").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/06/17 12:34
S77	14	((TOSHI NORI) near2 (TAKATSUKA)).INV.	US-PGPUB; USPAT	OR	ON	2010/03/08 10:06
S78	1	10/542563	US-PGPUB; USPAT	OR	ON	2010/03/08 10:07
S79	1	("7633488").PN.	US-PGPUB; USPAT	OR	ON	2010/03/08 10:08

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S80	45	("20020097224" "20050068134" "20050088411" "20050093822" "20050099391" "3932722" "4366463" "4492830" "4533899" "4748441" "4825157" "4885490" "5349263" "5380222" "5432530" "5504502" "5539978" "5714980" "5831596" "5881866" "5959557" "6109130" "6144368" "6201196" "6217183" "6266046" "6285356" "6320284" "6320569" "6326948" "6356256" "6373265" "6515650" "6664666" "6707446" "6738043" "6760006" "6818845" "6831629" "6859198" "6906700" "6909205" "6952197" "6956559" "7047826").PN. OR ("7633488").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/03/08 10:09
S81	12	("4853630" "5504502" "5619195" "5850142" "5969520" "6501458").PN. OR ("6738043").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/03/08 10:11
S82	1	10/542643	US-PGPUB; USPAT	OR	ON	2010/03/08 10:15
S83	45	("20020097224" "20050068134" "20050088411" "20050093822" "20050099391" "3932722" "4366463" "4492830" "4533899" "4748441" "4825157" "4885490" "5349263" "5380222" "5432530" "5504502" "5539978" "5714980" "5831596" "5881866" "5959557" "6109130" "6144368" "6201196" "6217183" "6266046" "6285356" "6320284" "6320569" "6326948" "6356256" "6373265" "6515650" "6664666" "6707446" "6738043" "6760006" "6818845" "6831629" "6859198" "6906700" "6909205" "6952197" "6956559" "7047826").PN. OR ("7633488").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/03/08 10:17
S84	534	magnet\$4 same inner same outer same circle same alternat\$4	US-PGPUB; USPAT; USOCR	OR	ON	2010/03/08 10:20
S85	2	"5226855"	US-PGPUB; USPAT; USOCR	OR	ON	2010/03/08 10:22
S86	60	("2722617").URPN.	USPAT	OR	ON	2010/03/08 10:35
S87	19	magnet\$4 same circl\$ same alternat\$4 and "345"/\$5.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2010/03/08 11:20
S88	5072	magnet\$4 same circl\$ same alternat\$4	US-PGPUB; USPAT; USOCR	OR	ON	2010/03/08 11:29

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S89	58	magnet\$4 same circl\$ same alternat\$4 same ple	US-PGPUB; USPAT; USOCR	OR	ON	2010/03/08 11:39
S90	1489	magnet\$4 same circl\$ same alternat\$4 same pole	US-PGPUB; USPAT; USOCR	OR	ON	2010/03/08 11:39
S91	1	10/542643	US-PGPUB; USPAT; USOCR	OR	ON	2010/03/08 11:40
S92	25	("2041875" "2328743" "2468295" "2784331" "2806158" "3007098" "3164735" "4433260").PN. OR ("5187401").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/03/08 11:45
S93	67	magnet\$4 same circl\$ same alternat\$4 same pole same sensor	US-PGPUB; USPAT; USOCR	OR	ON	2010/03/08 11:55
S94	50	("3728565" "4011476" "4166977" "4359685" "4370614" "4394594" "4481469" "4490764" "4506217" "4506338" "4658162" "5148070" "5148104" "5161361" "5194771" "5410201" "Re31278").PN. OR ("5864192").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/03/08 12:07
S95	64	("3331972" "4680577" "4712101" "4724715" "4823062" "4823634" "4837489" "4853630" "4868549" "4896554" "4922444" "4931781" "5012230" "5021771" "5065146" "5095302" "5160918").PN. OR ("5504502").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/03/08 12:13
S96	297	magnet\$4 same circl\$ same alternat\$4 same south same north	US-PGPUB; USPAT; USOCR	OR	ON	2010/03/08 12:24
S97	1	("2896043").URPN.	USPAT	OR	ON	2010/03/08 12:28
S98	9	("2611059" "2896043" "3384772").PN. OR ("3953694").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/03/08 12:28
S99	14	("4053829" "4401944" "4533872" "5304926" "5469054" "5574364" "5596272" "5644225" "5670875" "5694039" "5694040" "5982178" "6559638" "6577121").PN. OR ("6784659").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/03/08 12:39
S100	1	10/542643	US-PGPUB; USPAT	OR	ON	2010/03/08 13:23
S101	1	10/542643	US-PGPUB; USPAT	OR	ON	2010/03/08 14:17
S102	14	((TOSHI NORI) near2 (TAKATSUKA)).INV.	US-PGPUB; USPAT	OR	ON	2010/04/05 10:35

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S10 3	1403	335/205-207.ccls.	US-PGPUB; USPAT	OR	ON	2010/04/05 10:36
S10 4	162	324/207.11.ccls.	US-PGPUB; USPAT	OR	ON	2010/04/05 10:37
S10 5	409	335/284.ccls.	US-PGPUB; USPAT	OR	ON	2010/04/05 10:37
S10 6	61	("2722617").URPN.	USPAT	OR	ON	2010/04/05 10:43
S10 7	7	("2060260").PN. OR ("3585550").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/04/05 10:52
S10 8	256	324/207.11.ccls.	US-PGPUB; USPAT	OR	ON	2010/04/05 11:32
S10 9	475	335/284.ccls.	US-PGPUB; USPAT	OR	ON	2010/04/05 11:32
S11 0	0	S108 and S109	US-PGPUB; USPAT	OR	ON	2010/04/05 11:32
S11 1	1561	335/205-207.ccls.	US-PGPUB; USPAT	OR	ON	2010/04/05 11:32
S11 2	5	S111 and S108	US-PGPUB; USPAT	OR	ON	2010/04/05 11:32
S11 3	7	("5867082" "6003367").PN. OR ("6864679").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/04/05 11:33
S11 4	9	("20030019113" "20050022617" "20070202935" "6367337" "6396259" "6836039" "6864679" "7095198" "7322115").PN. OR ("7417422").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/04/05 11:34
S11 5	2	"20040080491"	US-PGPUB; USPAT	OR	ON	2010/04/05 11:44
S11 6	2	"1380927"	US-PGPUB; USPAT	OR	ON	2010/04/05 11:55
S11 7	9	"1380927"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/04/05 11:55
S11 8	2	"7388574"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/04/05 11:56

EAST Search History (Prior Art)

S11 9	38	("20010006369" "20010006369" "20010055001" "20020054012" "20020054012" "20040080491" "20040080491" "4029899" "4029899" "4459578" "4462594" "4482784" "4795858" "4795858" "5179460" "5504502" "5504502" "5506558" "5541370" "5565632" "5793668" "6373265" "6525257" "6670946" "6762748" "6762748").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/04/05 11:58
S12 0	1	10/542643	US-PGPUB; USPAT	OR	ON	2010/04/05 13:14
S12 1	1	10/542643	US-PGPUB; USPAT	OR	ON	2010/04/05 16:38

EAST Search History (Interference)

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